

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
ALRECO Metals - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #10  
Progress Report  
ALRECO Metals  
C52N  
Benton Harbor, MI  
Latitude: 42.1389684 Longitude: -86.4362357

**To:**  
**From:** Elizabeth Nightingale, OSC and Jacob Hassan, OSC  
**Date:** 1/29/2015  
**Reporting Period:** 1/26/15 - 1/30/15

1. Introduction

1.1 Background

<b>Site Number:</b>	C52N	<b>Contract Number:</b>	EP-S5-09-05
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	8/8/2014
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	11/10/2014	<b>Start Date:</b>	11/10/2014
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	MIN000504648	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	Yes
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

1.1.1 Incident Category

Time Critical Removal Action

1.1.2 Site Description

See initial POLREP.

1.1.2.1 Location

See initial POLREP.

1.1.2.2 Description of Threat

See initial POLREP.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See initial POLREP.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

During January 26-30, 2015, work focused on the following activities:

Operations

- Completed transportation and disposal of waste piles 2 and 4. To date, 177 loads of this waste weighing approximately 4,217 tons have been shipped for disposal. (These totals include waste from piles and baghouse dust.)
- Shipped 1 load of scrap metal for recycling.
- Commenced shipments of non-hazardous and non-conforming waste/debris offsite. To date, 12 loads weighing 114 tons have been disposed.
- Continued sorting non-conforming debris from large dross/smelting waste piles and shaping piles. Work

focused on sorting non conforming debris from Pile 3.

- Conducted bench scale treatability tests for Pile 3 waste. Samples were sent to ALS for TCLP analysis for RCRA metals. Results will be back early next week.

- No shipping of baghouse dust waste for disposal this week. Remaining bags will be held until all non-conforming material is removed from Pile 3 (several bags were found in Pile 3 already).

- Continued temperature monitoring of waste piles & supersacks of baghouse dust.

- Waste shipped off site is cataloged in the waste metrics table below.

#### **Air Monitoring**

- Continued implementation of the air monitoring plan to ensure public and worker safety.

- Continuously monitored data from particulate and chemical monitors for compliance with established standards. Real-time data are transmitted back to the site command post where they are monitored continuously. Any exceedances are addressed immediately.

- Maintained a webster (VIPER) with current and past perimeter air monitoring data. See Section 6.1 for instructions on accessing the website.

#### **Particulate Air Monitoring:**

Datarams (DR4) are deployed daily at four fixed locations in each direction along the site perimeter boundaries where off-site receptors are most at risk to exposure from fugitive emissions. The perimeter action level for PM-10 particulates has been set at a time weighted average (TWA) of 150 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ), as established in 40 CFR Part 50, National Ambient Air Quality Standards (NAAQS).

One personal data ram (PDR) particulate air monitor is deployed daily in the work zone during the removal action. The particulate monitor will data-log instantaneous TWA particulate concentrations during active operations. Action level exceedances will be managed by setting the monitor to alarm at the established action level to notify on-site personnel. The particulate action level within the work zone has been established as 2.0  $\text{mg}/\text{m}^3$  for the respirable fraction of total particulates. This is a site specific action level based on a calculation of airborne dust concentration.

During the reporting period, very brief exceedances of the perimeter action level for particulates were detected, but the TWA was not exceeded.

#### **MultiGas Air Monitoring:**

AreaRAE multi-gas monitors are being deployed at the container staging area and at 3 perimeter locations. The AreaRAE multi-gas monitors will be used to monitor ammonia in parts per million (ppm), hydrogen sulfide (ppm), VOCs (ppm), and percent lower explosive limit (LEL).

The perimeter action levels are as follows:

Ammonia = 10 ppm

Hydrogen Sulfide = 10 ppm

PM10 particulates = 150 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ )

LEL = >5%

VOCs > 5 ppm

Work zone air monitoring results are being compared with the National Institute for Occupational Safety and Health (NIOSH) 10-hour recommended exposure limit (REL) or the OSHA 8-hour time-weighted average (TWA) PEL, whichever is more restrictive.

A MultiRAE Plus 5-gas monitor (loaded with sensors for detection of oxygen, carbon monoxide, hydrogen sulfide, LEL, and VOCs) will also be used to periodically spot check AreaRAE data. Personal ammonia and hydrogen sulfide that alarm when action levels are exceeded also being utilized in the work zone.

During the reporting period, no exceedances of the perimeter multigas action levels were recorded and substantiated (A faulty VOC sensor is being replaced on one AreaRae unit). No exceedances of work zone action levels were detected.

#### **2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)**

- General notice letters were issued to current and former owners of the property. Investigation is ongoing.

- EPA Civil Investigators and their support contractors were onsite conducting interviews and collecting site related documents. Due to the large amount of data, a follow up visit is scheduled for the week of February 2 to complete the onsite investigation.

#### **2.1.4 Progress Metrics**

Waste Stream	Medium	Quantity (Tons)	Quantity Estimated Or Final?	Manifest #	Disposal
Unprepared steel	Solid	8.98	final		Padnos
RCRA empty containers & debris	Solid	5	estimated	A5-156-01	Republic Forest Lawn
Zinc and steel block	Solid	6.92	final		Padnos
Aluminum Production Waste (Piles)	Solid	32.46	final	2954167	WM-Oak Ridge RDF (AL monofill)

Aluminum Production Waste (Piles)	Solid	33.16	final	2954168	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	29.74	final	2954169	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	29.88	final	2954170	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	30.11	final	2954171	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.31	final	2954172	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.89	final	2954173	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.38	final	2954174	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.89	final	2954175	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.33	final	2954176	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.60	final	2954177	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.52	final	2954178	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.05	final	2954179	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.84	final	2954180	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.70	final	2954181	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.72	final	2954182	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.00	final	2954183	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	19.98	final	2954184	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.84	final	2954185	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	28.79	final	2954186	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.80	final	2954187	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.48	final	2954188	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.44	final	2954189	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.45	final	2954190	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.50	final	2954191	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	21.83	final	2954192	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.96	final	2954193	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.48	final	2954194	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.53	final	2954195	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.24	final	2954196	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.21	final	2954197	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.47	final	2954198	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.13	final	2954199	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	29.60	final	2954200	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.59	final	2954201	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.62	final	2954202	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.30	final	2954203	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.20	final	2954204	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	29.77	final	2954206	WM-Oak Ridge RDF (AL monofill)

Aluminum Production Waste (Piles)	Solid	23.35	final	2954205	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.59	final	2954207	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.45	final	2954208	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	22.90	final	2954209	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	28.41	final	2954210	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	33.83	final	2954211	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.72	final	2954212	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	22.78	final	2954213	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.51	final	2954214	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	28.11	final	2954215	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.80	final	2954216	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.61	final	2954217	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.76	final	2954218	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.46	final	2954219	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	28.84	final	2954220	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.14	final	2954221	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Baghouse Dust)	Solid	8.03	final	2954118	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.63	final	2954222	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.36	final	2954223	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.18	final	2954224	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.93	final	2954225	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.05	final	2954226	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	29.56	final	2954227	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Baghouse Dust)	Solid	7.56	final	2954119	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.90	final	2954228	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.84	final	2954229	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.38	final	2954230	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.15	final	2954231	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	22.82	final	2954232	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.93	final	2954233	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.95	final	2954234	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.14	final	2954235	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	22.76	final	2954236	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.80	final	2954237	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.75	final	2954238	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.91	final	2954239	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.27	final	2954240	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Baghouse Dust)	Solid	7.86	final	2954121	WM-Oak Ridge RDF (AL monofill)

Aluminum Production Waste (Piles)	Solid	23.24	final	2954241	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.41	final	2954242	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.84	final	2954243	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	30.34	final	2954244	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.51	final	2954245	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.83	final	2954246	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Baghouse Dust)	Solid	8.79	final	2954122	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.05	final	2954247	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.56	final	2954248	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.86	final	2954249	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.78	final	2954250	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	28.08	final	2954251	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.29	final	2954252	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.12	final	2954253	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.53	final	2954254	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.25	final	2954255	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.61	final	2954256	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.50	final	2954257	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	32.07	final	2954258	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Baghouse Dust)	Solid	14.09	final	2954123	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	22.88	final	2954260	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.08	final	2954261	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.13	final	2954262	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	28.95	final	2954263	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	18.34	final	2954264	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.41	final	2954265	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.81	final	2954266	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	28.61	final	2954267	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.98	final	2954268	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.78	final	2954269	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.68	final	2954270	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.50	final	2954271	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.47	final	2954272	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.30	final	2954273	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.73	final	2954274	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.06	final	2954275	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	29.21	final	2954276	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.34	final	2954277	WM-Oak Ridge RDF (AL monofill)

Aluminum Production Waste (Piles)	Solid	28.58	final	2954278	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.07	final	2954279	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.91	final	2954280	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.47	final	2954281	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.64	final	2954282	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	28.34	final	2954283	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.35	final	2954284	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.94	final	2954285	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.68	final	2954286	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.53	final	2954287	WM-Oak Ridge RDF (AL monofill)
Non hazardous debris with incidental aluminum production waste	Solid	10.12	final	T369107	WM-West Side RDF
Aluminum Production Waste (Piles)	Solid	28.25	final	2954288	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.76	final	2954289	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	22.21	final	2954290	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.73	final	2954291	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.56	final	2954292	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.59	final	2954293	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	28.00	final	2954294	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.66	final	2954296	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.71	final	2954297	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	28.01	final	2954298	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.05	final	2954295	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.35	final	2954299	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.60	final	2954300	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.27	final	2954301	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	25.63	final	2954302	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	29.22	final	2954303	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.87	final	2954304	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.74	final	2954305	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.80	final	2954306	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.87	final	2954307	WM-Oak Ridge RDF (AL monofill)
Non hazardous debris with incidental aluminum production waste	Solid	10.62	final	T369108	WM-West Side RDF
Non hazardous debris with incidental aluminum production waste	Solid	11.48	final	T369109	WM-West Side RDF
Aluminum Production Waste (Piles)	Solid	27.03	final	2954308	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.16	final	2954309	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	22.98	final	2954310	WM-Oak Ridge RDF (AL monofill)
Non hazardous debris with					

incidental aluminum production waste	Solid	12.28	final	T369110	WM-West Side RDF
Aluminum Production Waste (Piles)	Solid	27.04	final	2954311	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.40	final	2954313	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	22.73	final	2954312	WM-Oak Ridge RDF (AL monofill)
Non hazardous debris with incidental aluminum production waste	Solid	7.86	final	T369111	WM-West Side RDF
Aluminum Production Waste (Piles)	Solid	26.66	final	2954314	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.28	final	2954315	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.30	final	2954316	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.45	final	2954317	WM-Oak Ridge RDF (AL monofill)
Non hazardous debris with incidental aluminum production waste	Solid	8.46	final	T369112	WM-West Side RDF
Aluminum Production Waste (Piles)	Solid	25.15	final	2954318	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.58	final	2954319	WM-Oak Ridge RDF (AL monofill)
Non hazardous debris with incidental aluminum production waste	Solid	9.65	final	T369113	WM-West Side RDF
Aluminum Production Waste (Piles)	Solid	27.45	final	2954320	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.54	final	2954321	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.20	final	2954322	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.42	final	2954323	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	27.82	final	2954324	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	23.16	final	2954325	WM-Oak Ridge RDF (AL monofill)
Non hazardous debris with incidental aluminum production waste	Solid	9.11	final	T369114	WM-West Side RDF
Aluminum Production Waste (Piles)	Solid	26.00	est	2954326	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	26.00	est	2954327	WM-Oak Ridge RDF (AL monofill)
Aluminum Production Waste (Piles)	Solid	24.00	est	2954328	WM-Oak Ridge RDF (AL monofill)
Non hazardous debris with incidental aluminum production waste	Solid	13.24	final	T369115	WM-West Side RDF
Non hazardous debris with incidental aluminum production waste	Solid	10.00	est	T369117	WM-West Side RDF
Non hazardous debris with incidental aluminum production waste	Solid	10.00	est	T369116	WM-West Side RDF
Non hazardous debris with incidental aluminum production waste	Solid	3.00	tons	1302015	Republic Forest Lawn

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

#### 2.2.1.1 Planned Response Activities

Please see initial POLREP for planned removal activities on-site.

There will be no site activities from 1/31 to 2/4. OSC is waiting TCLP analytical results on the insitu remediation bench tests conducted on Pile 3. The purchase and shipment of the approved treatment agent is anticipated to arrive on site on 2/4. Operations will continue upon receipt of the treatment agent.

#### 2.2.1.2 Next Steps

After receipt of the analytical, the appropriate remediation chemical will be purchased and shipped to the site;

ERRS will remobilize to the site on 2/4; ERRS will conduct mixing operations on Pile 3 and take a confirmatory sample for the waste profile amendment; Non-conforming debris will continue to be shipped off for disposal.

### **2.2.2 Issues**

### **2.3 Logistics Section**

ERRS is managing site logistics.

### **2.4 Finance Section**

No information available at this time.

### **2.5 Other Command Staff**

#### **2.5.1 Safety Officer**

OSC is serving in this role.

#### **2.5.2 Liaison Officer**

OSC is serving in this role.

#### **2.5.3 Information Officer**

OSC is serving in this role.

## **3. Participating Entities**

### **3.1 Unified Command**

NA

### **3.2 Cooperating Agencies**

MDEQ

## **4. Personnel On Site**

1/26/15  
EPA - 3  
START - 1  
ERRS - 8  
Enforcement Support Contractors - 4

1/27/15  
EPA - 3  
START - 1  
ERRS - 8  
PRP - 1  
MDEQ - 2  
Enforcement Support Contractors - 4

1/28/15  
EPA - 3  
START - 1  
ERRS - 8  
Enforcement Support Contractors - 4

1/29/15  
EPA - 3  
START - 1  
ERRS - 8  
Enforcement Support Contractors - 4

1/30/15  
EPA - 3  
START - 1  
ERRS - 8  
Enforcement Support Contractors - 4

## **5. Definition of Terms**

ATSDR Agency for Toxic Substances and Disease Registry  
BZ Breathing Zone  
CERCLA Comprehensive Environmental Response, Compensation, and Liability Act  
CERCLIS Comprehensive Environmental Response, Compensation, and Liability Information System  
DNR Department of Natural Resources  
EPA Environmental Protection Agency  
ERNS Emergency Response Notification System  
ERRS Emergency and Rapid Response Service



LEL	Lower Explosive Limit
MDEQ	Michigan Department of Environmental Quality
mg/m3	milligrams per cubic meter
NCP	National Oil and Hazardous Substance Pollution Contingency Plan
NOAA	National Oceanic and Atmospheric Administration
NPL	National Priorities List
NRC	National Response Center
OSC	On Scene Coordinator
PPE	Personal Protective Equipment
PPM	Parts per million
RCRIS	Resource Conservation and Recovery Act Information System
RP	Responsible Party
RRT	Regional Response Team
START	Superfund Technical Assessment and Response Team
ug/m3	micrograms per cubic meter
US FWS	United States Fish and Wildlife Service
USCG	United States Coast Guard
VOC	Volatile Organic Compound

## 6. Additional sources of information

### 6.1 Internet location of additional information/report

<http://www.epaosc.net/alreco>

Air monitoring data is posted real time at <http://vipet.ert.org>. Users need to create a login upon their first visit to the website. Once logged in, select *R05 ALRECO Metals Deployment* to view site data.

### 6.2 Reporting Schedule

POLREPs will be issued weekly over the course of the removal action.

## 7. Situational Reference Materials

No information available at this time.